WHAT IS CLAIMED IS:

1. A handlebar assembly for bicycle, comprising:

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a handlebar composed of a central fitting and two wings integrally connected to two ends of the central fitting, two grips connected to the two wings respectively, and

two armrests each having a recess defined in an outer periphery thereof and the central fitting of the handlebar being engaged with the recess of each of the two armrests.

2. The handlebar assembly as claimed in claim 1 further comprising two C-shaped members which are mounted to the central fitting and two bolts extend through two ends of each of the C-shaped members and are connected to the two armrests.